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**OCT 06 2005**

PATENT APPLICATION

**CERTIFICATE OF MAILING/FACSIMILE TRANSMISSION (37 CFR 1.8)**

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is ( ) being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box. 1450, Alexandria, Virginia 22313-1450 or ( XXX ) being transmitted by facsimile to the U.S. Patent and Trademark Office. (Fax No. 571 273 8300) ( 20 pages). This facsimile is being sent from (908) 429-3650.

Maria T. Sanchez  
(Print Name)

Date: October 6, 2005

Maria T. Sanchez  
(Signature)

DOCKET NO. 2003US311

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Huirong YAO et al.

Art Unit: 1752

Serial No. 10/721,883, filed November 26, 2003

Examiner: SCHILLING, Richard L.

For: BOTTOM ANTIREFLECTIVE COATINGS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

October 6, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Supplemental Information Disclosure  
Statement - 6 pages  
Form PTO 1449 - 2 pages  
Notification of Transmittal of International  
Search Report and the Written Opinion of the  
International Searching Authority - 3 pages  
International Search Report - 4 pages  
Written Opinion of the International Search  
Authority - 5 pages

Serial No. 10/721,883  
Filed November 26, 2003

Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ The following documents are not enclosed as it was previously submitted with applicants' prior Information Disclosure Statement of January 27, 2004:

EP 0 922 715  
JP 37-009212  
US 6156479

A copy of US 5424364, cited on Form PTO 1449, is not enclosed as the present application was filed after June 30, 2003 and the Patent Office has waived the requirement to enclose such documents under 37 C.F.R. § 1.98(a)(2)(i) pursuant to the Official Gazette announcement dated 05 August 2003.

- 1c. ☒ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.

Notification of Transmittal of International Search Report and  
the Written Opinion of the International Searching Authority  
International Search Report  
Written Opinion of the International Search Authority

- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(d), hereto) for providing a concise explanation of each non-English publication.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(e), hereto).
- 1g. ☐ EPO Search Report

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2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
3. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance.
- 3a. ☒ The §1.97(e) Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. ☐ The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 50-3309.
4. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(d) after the Final Office Action or the Notice of Allowance, but before payment of the Issue Fee.
- ☐ The §1.97(e) Statement (Item 5 below) is applicable.
- A Petition to the Commissioner is hereby made under 37 CFR §1.97(d) to request consideration of this Information Disclosure Statement. The \$180.00 fee set forth in 37 CFR §1.17(i) is to be charged to Deposit Account No. 50-3309.
5. ☒ Statement Under §1.97(e) (*applicable if Item 3a or Item 4 is checked*)
- 5a. ☒ In accordance with 37 CFR §1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- 5b. ☐ In accordance with 37 CFR §1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

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6. ☐ This is a continuation/divisional/continuation-in-part application under 37 CFR §1.153(b). (Check appropriate Items 6a and/or 6b.)

6a. ☐ Copies of the publications listed on Form PTO-1449 from prior Application Serial No.         , filed on         , of which this application claims priority under 35 USC §120 have been omitted pursuant to 37 CFR §1.98(d).

6b. ☐ Copies of the publications listed on Form PTO-1449 which were not previously cited in prior Application Serial No.         , filed on         , of which this application claims priority under 35 USC §120, are provided herewith.

6c. ☐ Copies of the following publications listed on Form PTO-1449 are not provided herewith as they were previously submitted either through an earlier Information Disclosure Statement or were cited on the International Search Report:

EP 0 922 715  
JP 37-009212  
US 6156479

7. ☐ This is a continuation/divisional application under 37 CFR §1.53(d). (Check either Item 7a or 7b.)

7a. ☐ The Issue Fee has not been paid.

7b. ☐ A Petition to Withdraw from Issue under 37 CFR §1.313(b)(5) has been granted. A continuation application under 37 CFR §1.53(d) after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii).

8. ☐ This is a Supplemental Information Disclosure Statement. (Check either Item 8a or 8b.)

8a. ☐ This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on         . A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental Information Disclosure Statement can be considered as if properly filed on         .

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- 8b. ☐ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97(i), mailed \_\_\_\_\_. (MPEP 609, Form ¶ 6.51, July 1997.)
9. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

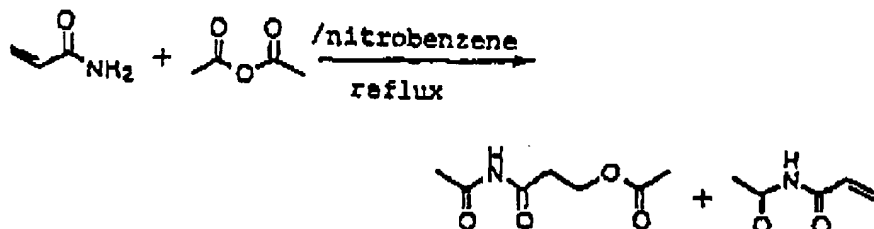
*(Check appropriate Items 9a, 9b, 9c and/or 9d)*

- 9a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent and Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68)).
- 9b. ☐ set forth in the application.
- 9c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 9d. ☒ For JP 37-009212, applicants previously presented an English language abstract from SciFinder regarding this document. From EP0922715, page 13, line 53 to page 14, line 13 also describes this document, set out below:

The reaction of acrylamide and an acid anhydride as starting materials represented by the following reaction formula (JP-B-37-9212 (The term "JP-B" as used herein means an "examined Japanese patent publication")) produces Michael adducts besides N-acetylated compounds and thus gives a poor yield.

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EP 0 922 715 A2



- 9e. ☐ abstracts in the English language were previously submitted with Applicants' Information Disclosure Statement dated.
10. ☒ No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§1.97(g) and (h).
11. ☒ The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 50-3309.

Respectfully submitted,

Attorney for Applicant(s)  
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Customer No. 26,289

**INFORMATION DISCLOSURE CITATION**  
*(Use several sheets if necessary)*

Docket Number (Optional)

2003US311

Application Number

10/721,883

Applicant(s)

Huirong YAO et al.

Filing Date

November 26, 2003

Group Art Unit

1752

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,424,364	6/13/1995	Simms et al.			
		6,156,479	12/4/2000	Meador et al.			

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0 922 715		EUROPE				
	JP 37-009212		JAPAN				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Notification of Transmittal of International Search Report and the Written Opinion of the International Searching Authority (Form PCT/ISA/220) for PCT/IB2004/004412.

International Search Report (Form PCT/ISA/210) for PCT/IB2004/004412.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820

PQW/REV04

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PAGE 7/20 \* RCVD AT 10/6/2005 2:30:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXXF-6/27 \* DNIS:2738300 \* CSID:908 429 3650 \* DURATION (mm-ss):04-36 OF 2

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

Docket Number (Optional)

2003US311

Application Number

10/721,883

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Filing Date

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1752

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Written Opinion of the International Search Authority (Form PCT/ISA/237) for PCT/IB2004/004412.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820

POSA/REV04

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(also form PTO-1440)

PAGE 8/20 \* RCVD AT 10/6/2005 2:30:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-6/27 \* DNIS:2738300 \* CSID:908 429 3650 \* DURATION (mm:ss):04:36 OF 2